

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096638.D
 Acq On : 11 Jul 2017 12:21
 Operator : SJ/JU
 Sample : PB100537BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100537BL

Quant Time: Jul 11 17:15:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	107188	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	448943	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	203180	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	351004	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	214025	20.00	ng	-0.02
86) Perylene-d12	15.22	264	199729	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	808180	111.29	ng	0.00
7) Phenol-d6	6.33	99	967403	108.36	ng	-0.02
23) Nitrobenzene-d5	7.25	82	585211	78.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	188393	118.70	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1050122	88.37	ng	-0.02
78) Terphenyl-d14	12.78	244	736333	73.52	ng	-0.02

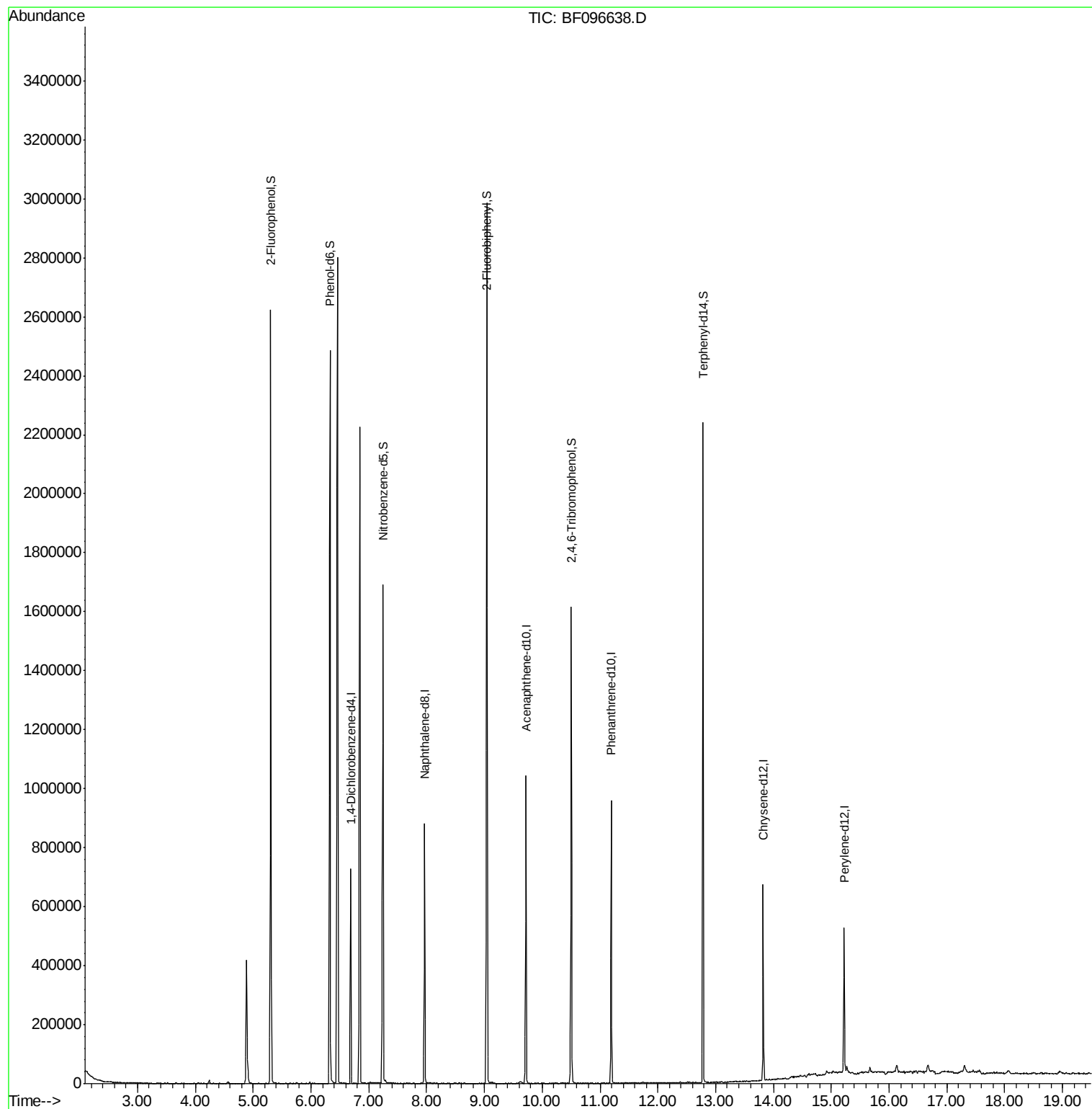
Target Compounds	Qvalue
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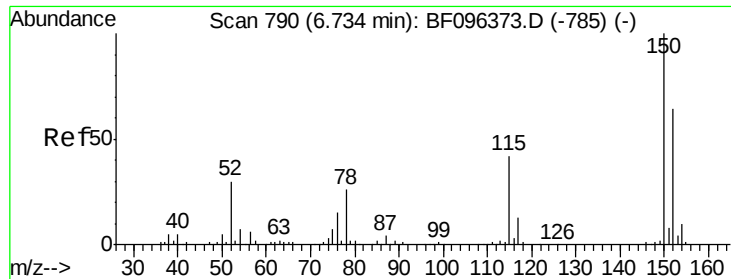
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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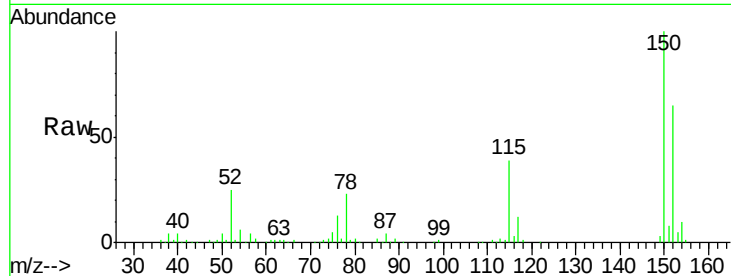


#1

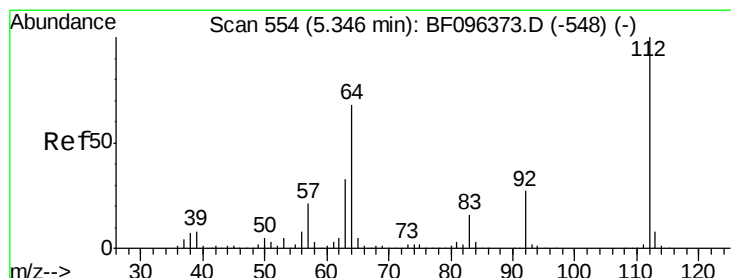
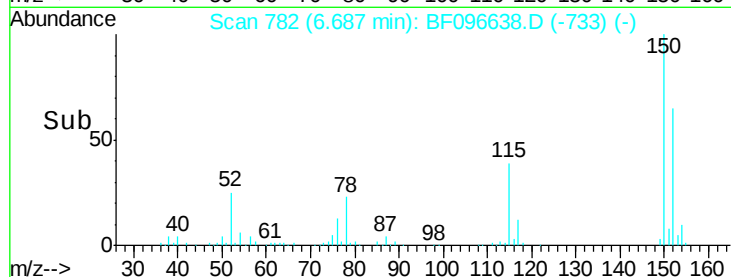
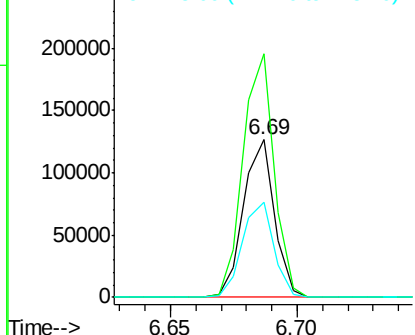
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096638.D
Acq: 11 Jul 2017 12:21

Instrument :
BNA_F
ClientSampled :
PB100537BL

Tgt Ion:152 Resp: 107188
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 60.5 52.2 78.2



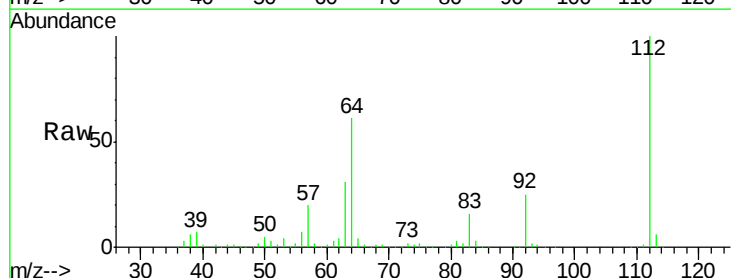
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



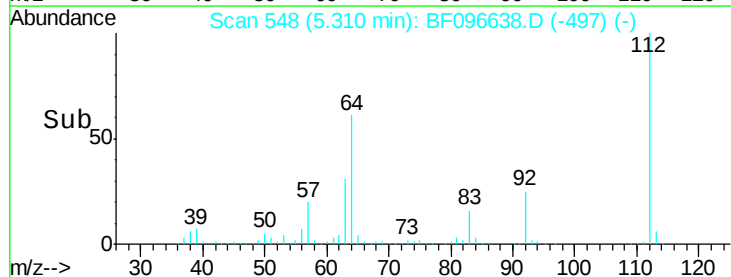
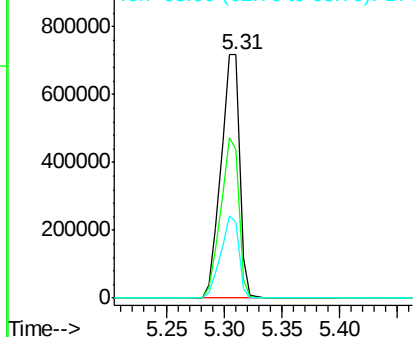
#5

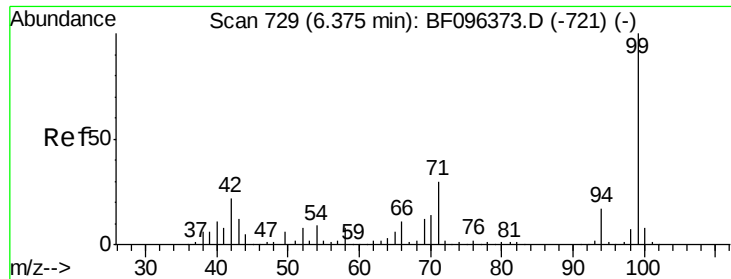
2-Fluorophenol
Concen: 111.286 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF096638.D
Acq: 11 Jul 2017 12:21

Tgt Ion:112 Resp: 808180
Ion Ratio Lower Upper
112 100
64 61.1 46.0 69.0
63 31.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.357 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096638.D

Acq: 11 Jul 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB100537BL

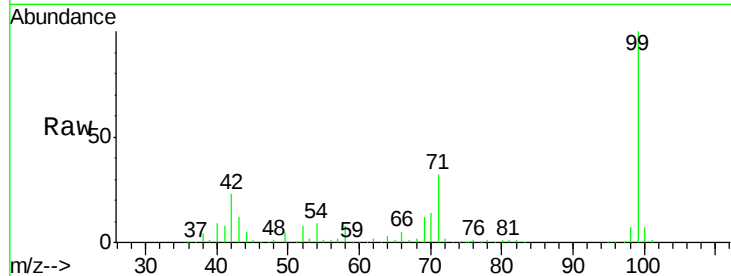
Tgt Ion: 99 Resp: 967403

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

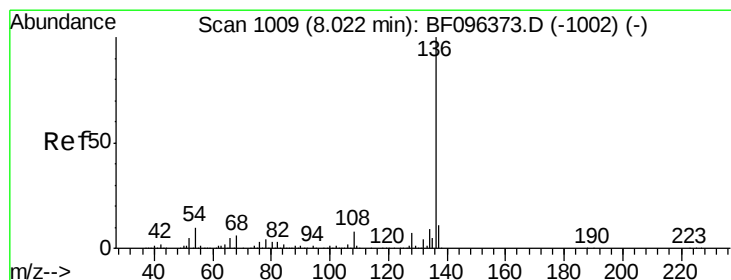
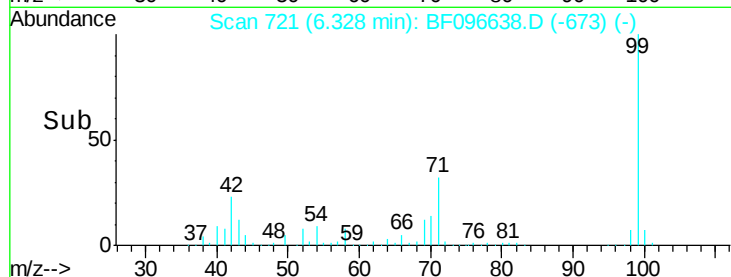
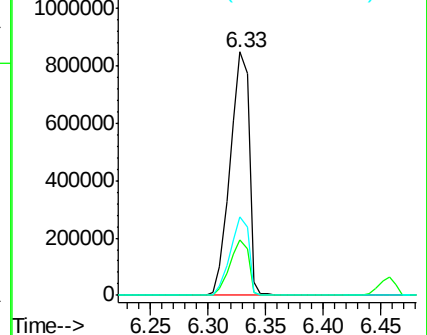
71 32.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096638.D

Acq: 11 Jul 2017 12:21

Tgt Ion: 136 Resp: 448943

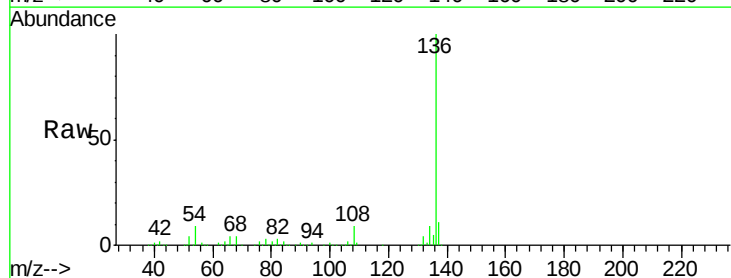
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 8.9 4.9 7.3#

68 4.3 4.1 6.1

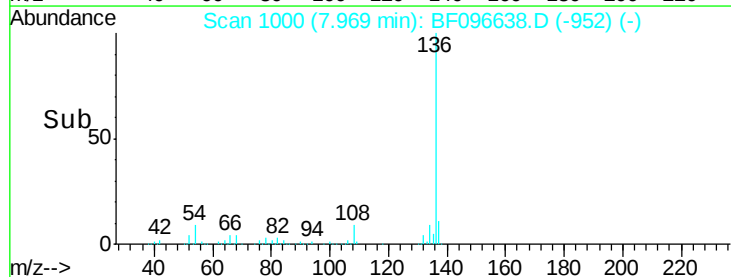
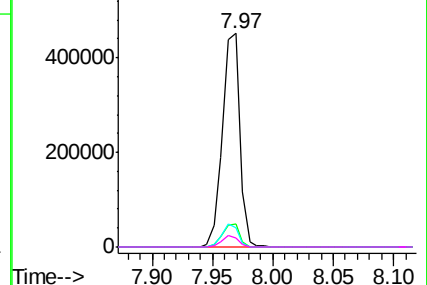


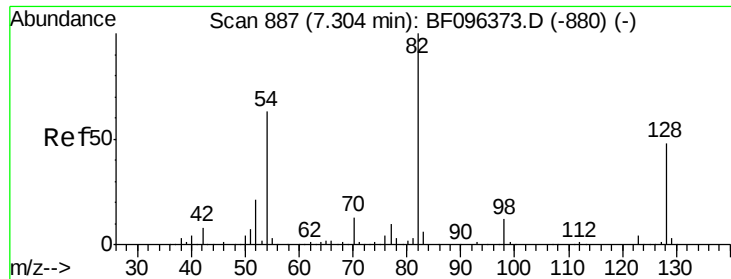
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

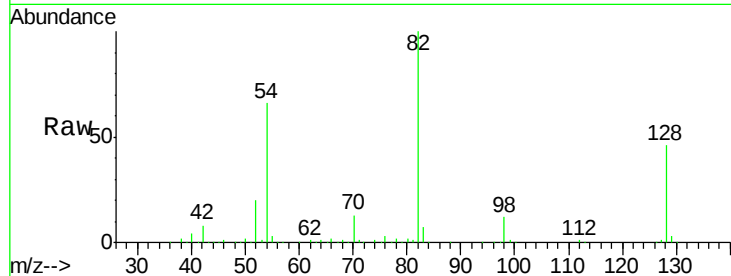




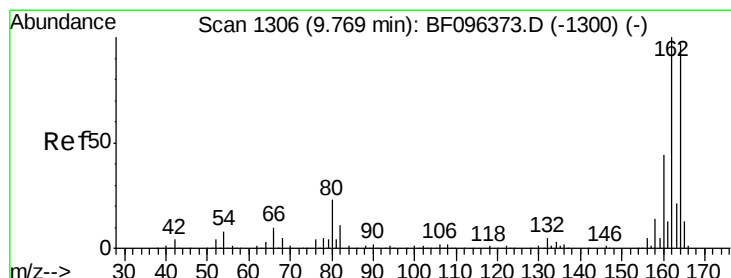
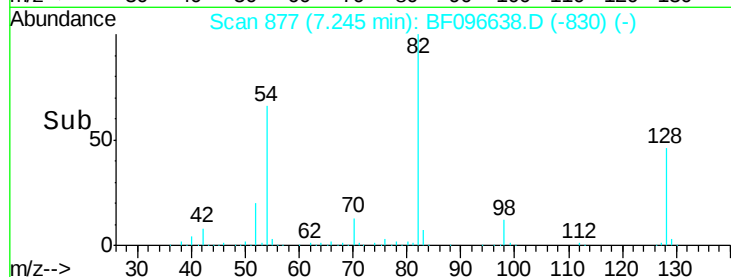
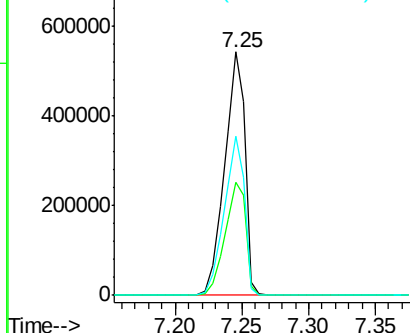
#23
 Nitrobenzene-d5
 Concen: 78.330 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096638.D
 Acq: 11 Jul 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB100537BL

Tgt Ion: 82 Resp: 585211
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 65.5 42.2 63.2#

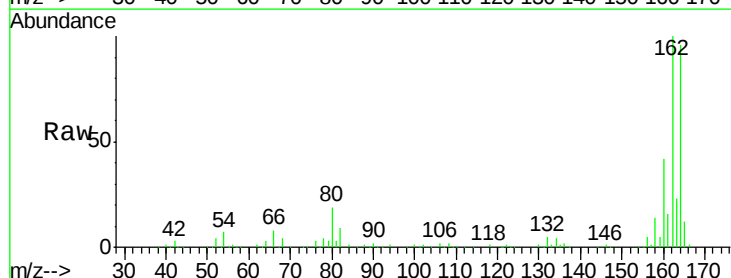


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

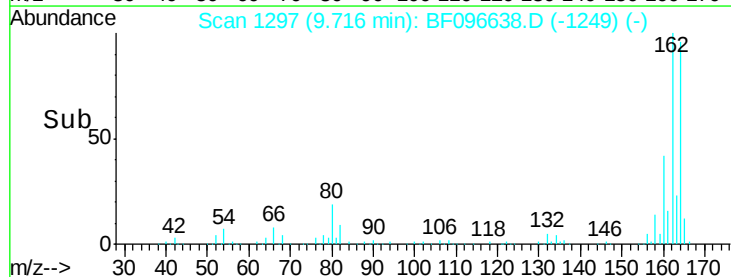
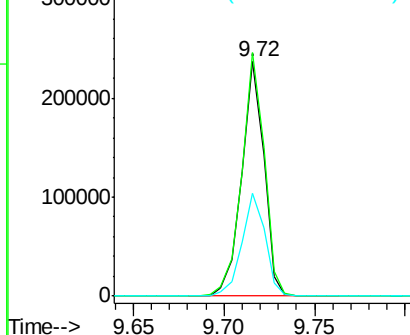


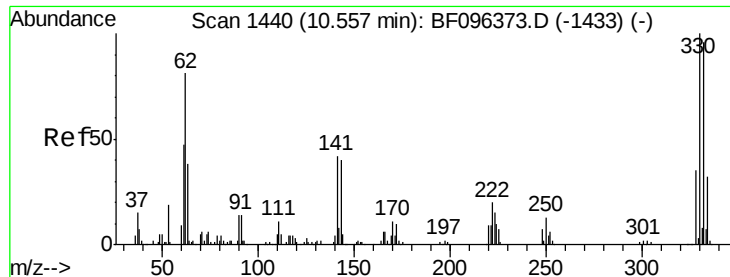
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096638.D
 Acq: 11 Jul 2017 12:21

Tgt Ion: 164 Resp: 203180
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 44.0 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

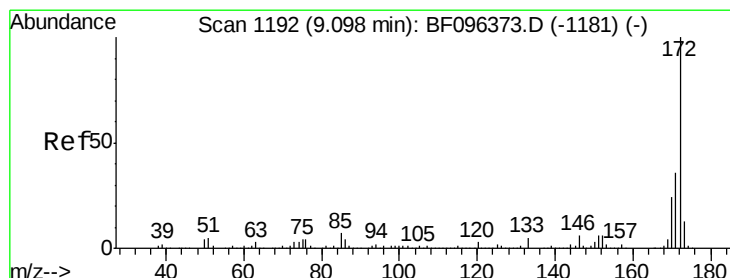
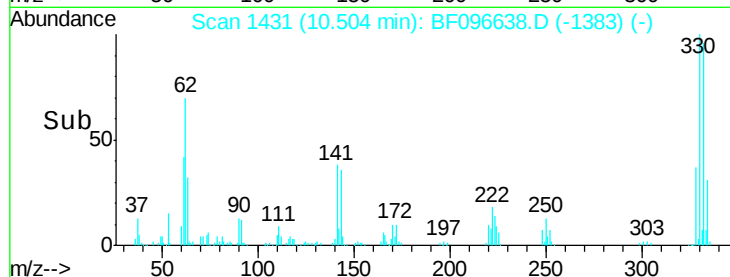
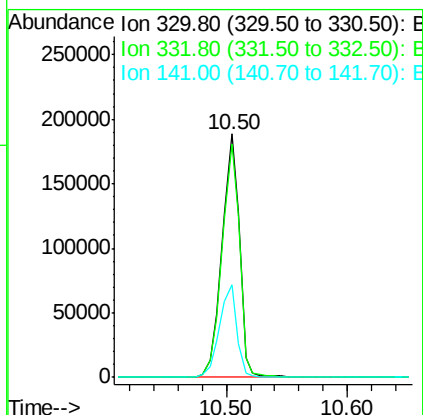
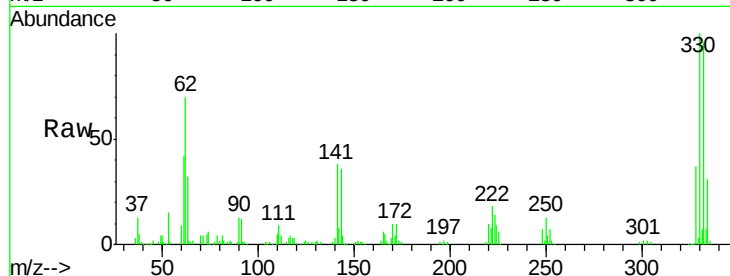




#41
 2,4,6-Tribromophenol
 Concen: 118.704 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096638.D
 Acq: 11 Jul 2017 12:21

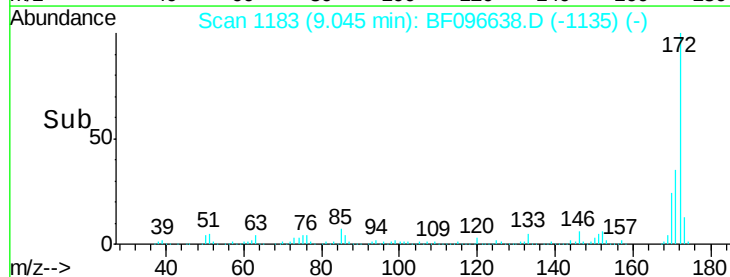
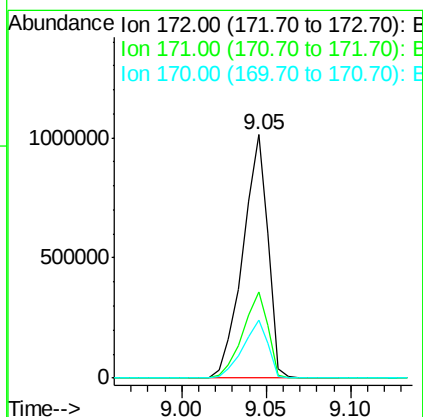
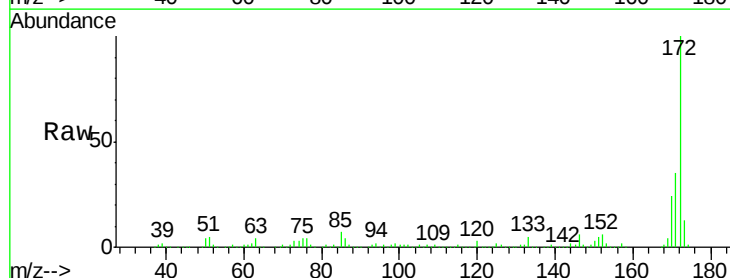
Instrument :
 BNA_F
 ClientSampleId :
 PB100537BL

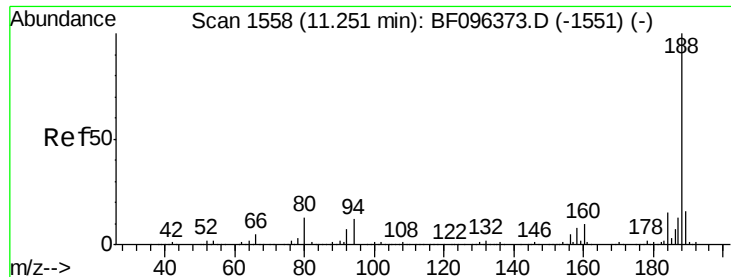
Tgt Ion:330 Resp: 188393
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 37.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 88.368 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096638.D
 Acq: 11 Jul 2017 12:21

Tgt Ion:172 Resp: 1050122
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.8 19.8 29.8

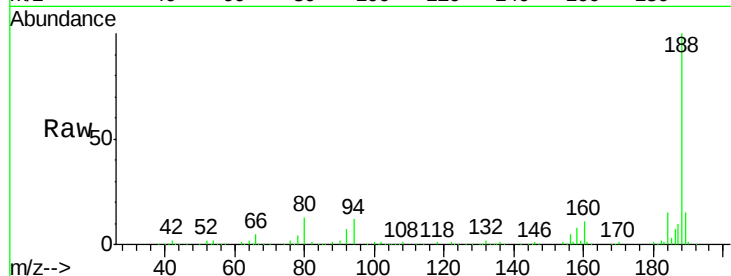




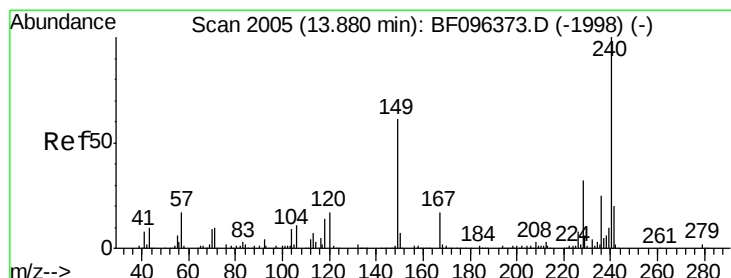
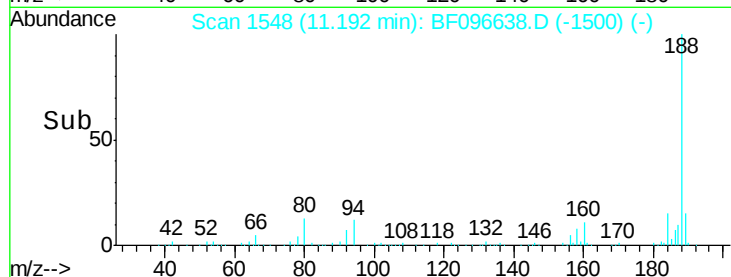
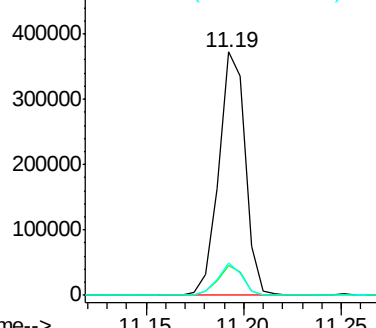
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096638.D
Acq: 11 Jul 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB100537BL

Tgt Ion:188 Resp: 351004
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 13.5 10.2 15.2

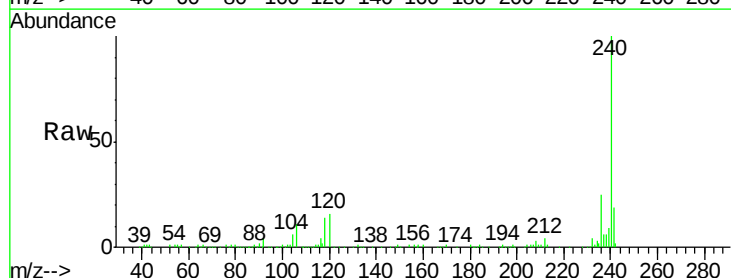


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

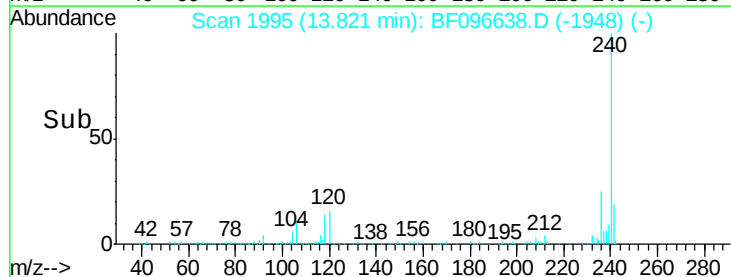
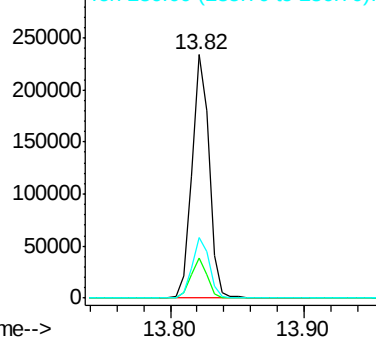


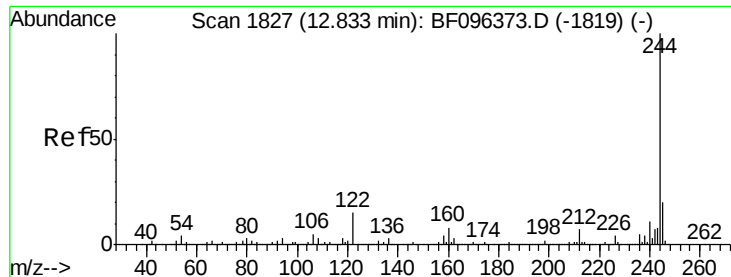
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096638.D
Acq: 11 Jul 2017 12:21

Tgt Ion:240 Resp: 214025
Ion Ratio Lower Upper
240 100
120 16.3 5.8 8.8#
236 24.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.516 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096638.D

Acq: 11 Jul 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB100537BL

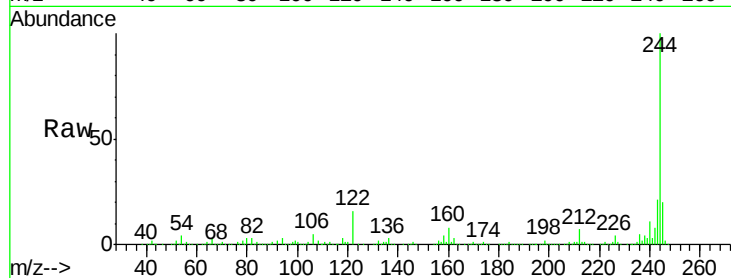
Tgt Ion:244 Resp: 736333

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

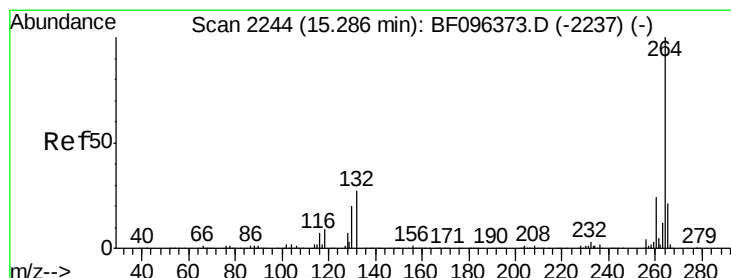
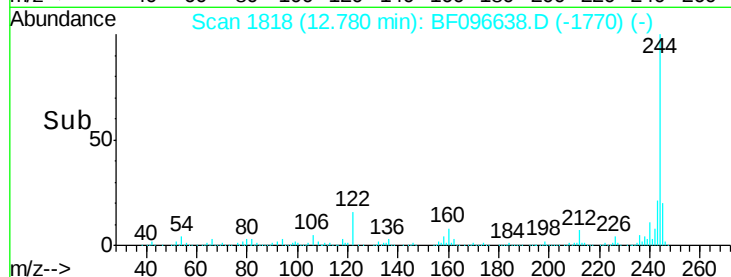
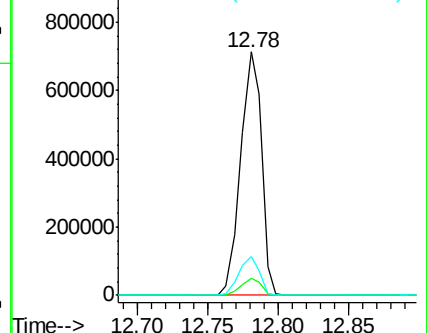
122 15.8 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BF096638.D

Acq: 11 Jul 2017 12:21

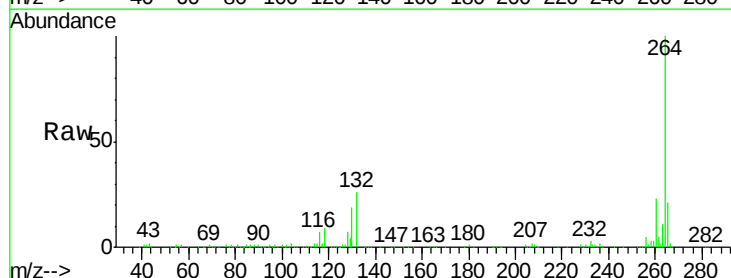
Tgt Ion:264 Resp: 199729

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 20.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

